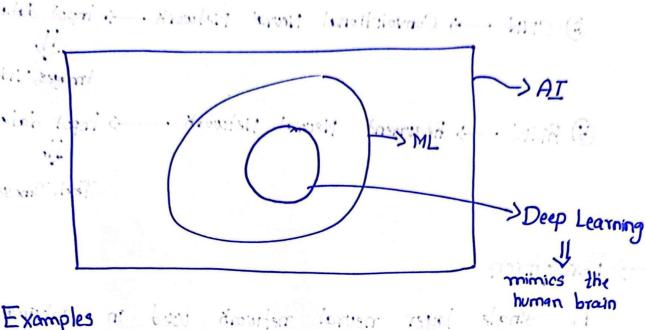
moleculements : Deep Learning

> Introduction



- Self-driving cars
- Amazon website

- Netflix recommendation systems The main am behind artificial intelligence is to create applications that will be able to perform its

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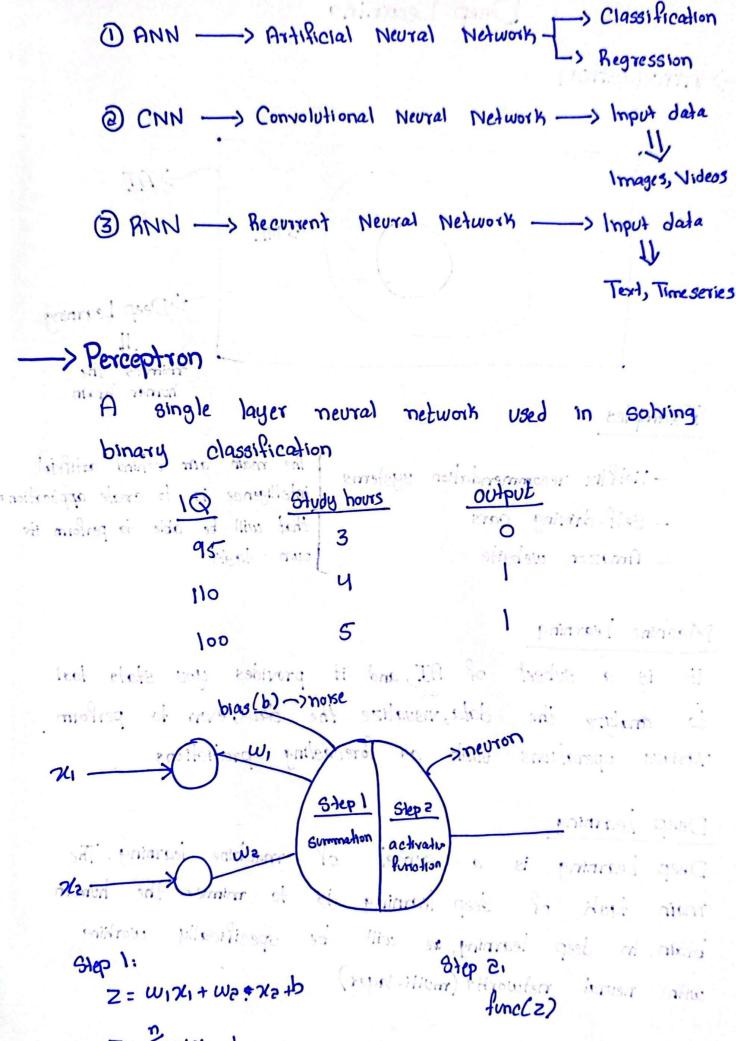
Machine Learning

It is a subset of AI, and it provides you state tool to analyze the data, visualize the data, even to perform various operations such as forecasting predictions

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Deep Learning

Deep Learning is a subset of machine learning. The main task of deep learning is to mimic the human brain. In deep learning, we will be specifically working with neural networks (multi-layer)



Z = 2 Wize + b

> Advantages

1) Use to solve linearly separable problems

> Disad vantages

1) to cannot solve non-linear sep problems, will use multi-layer perception

-> Multi-layer Perceptron

- 1) Forward Propagation
- @ Backward Propagation
- 3 Loss Functions
- a Activation Functions
- 6 Optimizers